BRUHATH BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE, PROJECT DIVISION
Work Slip: As per Std Tender Documents

Name of Work: Extension of Reva Engineering College road upto 400 Mtrs(BBMP Limits) Byatarayanapura Assembly Constituency Yelahanka Zone

Estimate Amount:- 8,919,556.93
Name of Agency:- M/s Sathya Constructions
Approved amount:- 9,097,641.84
Tender Premium 2.00% Above

Sl. No.	Description of Work	Unit	Qty as per Sanctioned Estimate			Qty as per Tender Quoted			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount	Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
6	KSRRB M200-23.1. Dismantling of flexible pavements and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. II. By Mechanical Means: A. Bituminous courses. MORTH Specification No. 202 with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	112.00	470.88	52738.56	112.00	470.88	52738.56	138.60	138.60	470.88	65263.97	0.00	470.88	0.00	65263.97	12525.41	0.00	
11	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechanical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. For Grading II Material. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	484.80	1298.16	629347.97	484.80	1298.16	629347.97	523.91	523.91	1298.16	680116.41	0.00	1298.16	0.00	680116.41	50768.44	0.00	

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			Qty	Rates	Amount	Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
12	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	484.80	1438.56	697413.89	484.80	1500.00	727200.00	523.91	523.91	1500.00	785862.00	0.00	1500.00	0.00	785862.00	58662.00	0.00	
13	KSRRB M500-6. Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	3232.00	35.21	113798.72	3232.00	35.21	113798.72	3492.72	3492.72	35.21	122978.67	0.00	35.21	0.00	122978.67	9179.95	0.00	
14	KSRRB M500-7. Providing and applying tack coat on the prepared black topped surfaces at 2.5 Kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	6464.00	18.74	121135.36	6464.00	18.74	121135.36	6985.44	6985.44	18.74	130907.15	0.00	18.74	0.00	130907.15	9771.79	0.00	

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			Qty	Rates	Amount	Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
15	KSRRB 500-16. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base or binding coarse including loading of aggregates with F.e loader hotmixing of stone aggregates and bitumen in hotmix plant 40 Tonnes capacity, transporting the mixed material in tipper To paver and laying with paver finisher To the required grade rolling by power roller To aachieve the desired density, 50x75mm compacted thickness with 3.3% bitumen but excluding cost of primer or tack coat with lead upTo 1km including cost of all materials, labour as per specifications With 60/70 grade bitumen with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	161.60	7482.24	1209129.98	161.60	7482.24	1209129.98	174.64	174.64	7482.24	1306668.46	0.00	7482.24	0.00	1306668.46	97538.48	0.00	

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			Qty	Rates	Amount	Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
16	Providing and laying bituminous concrete 40mm thick with 100-120 TPH batch type hot mix plant producing as average output of 75 Tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 5.4 To 5.6% 5.00 of mix and filler, transporting the hot mix To work site, laying with a hydrostatic paver finisher with sensor control To the required grade, level and alignment, rolling with smooth wheeled, vibraTory and tandem rollers To achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects, with 40 mm compacted thickness (Grading II) with 6% Bitumen 60/70 grade using 40-60 HMP using mechanical paver with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	129.28	#######	1493505.91	129.28	12000.00	1551360.00	139.71	139.71	12000.00	1676505.60	0.00	12000.00	0.00	1676505.60	125145.60	0.00	
17	KSRRB M800-13. Providing and Laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.MORTH Specification No. 803 Road Marking with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	120.00	475.20	57024.00	120.00	475.20	57024.00	148.50	148.50	475.20	70567.20	0.00	475.20	0.00	70567.20	13543.20	0.00	
18 A	Cost of Plastic@ 8% of bitumen qty For Bituminous concrete with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Nos	2795.34	27.00	75474.18	2795.34	27.00	75474.18	3137.40	3137.40	27.00	84709.78	0.00	27.00	0.00	84709.78	9235.60	0.00	

Sl. No.	Description of Work	Unit	Qty as per Sanctioned Estimate			Qty as per Tender Quoted			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Amount	excess amount	Savings amount	Remarks
			Qty	Rates	Amount	Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
19	KSRRB 300 - 1 : Earthwork excavation by manulal means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / chapter 3 with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	351.00	171.29	60122.79	351.00	171.29	60122.79	428.22	428.22	171.29	73349.80	0.00	171.29	0.00	73349.80	13227.01	0.00	
20	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed, machine mixd, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, cost of all materials, labour, HOM of machinery, curing complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	3.00	6303.64	18910.92	3.00	6400.00	19200.00	5.46	3.75	6400.00	24000.00	1.71	6400.00	10944.00	34944.00	15744.00	0.00	
21	KSRB 5.3-3: Providing and constructing granite/trap/basalt size stone masonary in basement with cement mortat 1:6, edges of stones chistle dressed in courses not less than 15cm high, bond stones at 2m apart in each course including cost of mterials, labour, scaffolding, curing complete as per specifications. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	16.20	4542.48	73588.18	16.20	4650.00	75330.00	19.66	19.66	4650.00	91400.40	0.00	4650.00	0.00	91400.40	16070.40	0.00	

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			Qty	Rates	Amount	Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
22	KSRB 4-1.7 Providing and laying in position plain cement concrete of nominal mix M15 for coping concrete using cement @ 220kgs, with 20mm and down size graded metal coarse aggregate @ 0.84 cum and fine aggregates @ 0.56 cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specifications No. KBS 4.1, 4.2 as directed by the Engineer and as per detailed tender specifications.etc., complete. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Cum	2.03	5287.68	10733.99	2.03	5300.00	10759.00	2.46	2.46	5300.00	13022.10	0.00	5300.00	0.00	13022.10	2263.10	0.00	
23	Providing granite slabs of selected qualitynroughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete 7.5cm thick with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	900.00	639.36	575424.00	900.00	700.00	630000.00	1053.00	1053.00	700.00	737100.00	0.00	700.00	0.00	737100.00	107100.00	0.00	
24	Pre-cast Drain Cover Slab {size 1.5x0.6x0.1}:- Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doiirections of the Enineer-in-charge with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	600.00	1659.00	995400.00	600.00	1700.00	1020000.00	631.80	631.80	1700.00	1074060.00	0.00	1700.00	0.00	1074060.00	54060.00	0.00	

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			Qty	Rates	Amount	Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amt				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
25	Providing & laying precast drain cover slab of 250 mm thickness in CM 1:3 including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge.(1.50 x 0.45 x 0.25)	Sqm	45.00	4993.00	224685.00	45.00	5000.00	225000.00	54.60	54.60	5000.00	273000.00	0.00	5000.00	0.00	273000.00	48000.00	0.00	
26	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	No	1333.33	304.56	406078.98	1333.33	310.00	413332.30	1560.00	1560.00	310.00	483600.00	0.00	310.00	0.00	483600.00	70267.70	0.00	
27	KSRRB M800-6. Painting two coats on New Concrete Surface:-Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces complete as per specifications. On Kerb Stone with all lead and lifts as per Specifications and the directions of the Engineer In-charge of the work.	Sqm	240.00	61.56	14774.40	240.00	66.00	15840.00	280.80	280.80	66.00	18532.80	0.00	66.00	0.00	18532.80	2692.80	0.00	
	Grand total				**8100634.30**			**8278719.21**				**8874083.84**			**10944.00**	**8885027.84**	**715795.48**		

Note: Percentage of Workslip over the sanctioned Estimate=Excess amount over the approved amount/Amount Put to tender x 100

715795.48/8919556.93)x100 = 8.03%

Contractor

Assistant Engineer
Project Division, Yelahanka Zone

Assistant Executive Engineer
Project Division, Yelahanka Zone

"Work-Slip" Approved

Executive Engineer
Project Division, Yelahanka Zone

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Extension of Reva College Road upto CISF compound (BBMP limits)

E I R L

Estimate Amount:-8919556.93

Name of Agency:- M/s Sathya Constructions

Sl. No.	Description of Work	Unit	Quantity	Rate	Amount in Rupees	Whether item alternate to item in the tender or whether they are additional item (if, in lieu of the same item in the accepted tender such items should be mentioned.	Whether the extra item is included in the sanctioned estimate.	How the extra cost of the item is proposed to be met	Whether the extra item is included in the Schedule of rates of the division, if not, data sheet should accompany the rate list.	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(P-24/5.26.2) SR 2016-17	Sqm	280.80	980.65	275366.07	ADDITIONAL Item	No	General savings	(P-24/5.26.2) SR 2016-17	
				TOTAL ERIL AMOUNT	275366.07					

Note: Percentage of Extra item over the sanctioned Estimate=Extra item amount over the approved amount/Amount Put to tender x 100

(275366.07/8919556.93)x100 = 3.08%

Contractor

Assistant Engineer
Project Sub Division,

Assistant Executive Engineer
Project Division, Yelahanka Zone

"EIRL"
Approved

Executive Engineer
Project Division, Yelahanka Zone

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Bangalore 92